

Table 3
Soil Physical Parameter Analytical Results

**Oil Field Reclamation Project
Santa Fe Springs, California**

Monitor Well Designation	Sample Depth Interval (ft)	Lithologic Description and Unified Soil Classification	Hydraulic Conductivity (ft/sec)	Effective Porosity (percent)	Average Moisture Content (percent)	Dry Bulk Density (g/cm³)	Natural Bulk Density (g/cm³)	Total Organic Carbon Content mg/kg
MW-1	--	--	--	27.3	16.2	--	--	--
MW-3	74.5-75.0	--	--	30.9	18.8	--	--	--
MW-5	71.5-72.0	sand gray vf-vcgr sl silty	1.22×10^{-7}	13.2	7.5	1.74	2.02	2,500
MW-5	80.0-80.5	sand gray vf-vcgr sl silty mica	3.83×10^{-5}	25.5	14.7	1.75	2.06	720
MW-5	100.0-101.0	sand gray vf-mgr sl silty mica	6.75×10^{-5}	28.8	17.3	1.69	2.00	930
MW-5	116.0-116.5	sand tan vfgv v silty mica calc inc	1.62×10^{-8}	9.0	5.4	1.64	2.04	1,200
MW-7	79.5-80.0	--	--	29.0	16.6	--	--	--
MW-10	73.0-73.5	sand tan vf-vcgr sl silty	2.93×10^{-4}	28.4	17.4	1.66	1.96	680
MW-10	85.0-85.5	sand gray vfgr silty mica	8.81×10^{-7}	17.6	11.0	1.58	1.97	520
MW-10	98.0-98.5	sand gray vf-cgr sl silty	1.0×10^{-4}	28.2	17.1	1.65	1.98	320
MW-14	82.5-83.0	--	--	26.7	15.7	--	--	--
MW-15	62.5-63.0	--	--	31.5	19.2	--	--	--
MW-17	64.5-65.0	sand gray vf-vcgr sl silty	1.29×10^{-5}	32.0	18.4	1.65	2.11	--
MW-17	66.0-66.5	sand gray vf-vcgr sl silty	3.4×10^{-4}	29.6	18.1	1.65	1.98	510

Table 3
(continued)

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MW-17	79.5-80.0	sand tan vf-gran sl silty	8.69×10^{-5}	29.4	18.0	1.70	1.96	1,600
MW-17	80.5-81.0	sand tan vf-vcgr sl silty	1.09×10^{-4}	29.0	17.5	1.69	1.99	1,200
MW-17	91.5	clay gray silty mica	1.27×10^{-9}	2.6	1.6	1.59	2.00	1,800
MW-21	--	--	--	24.2	14.0	--	--	--
MW-23	74.5-75.0	sand tan vfgr v silty clay mica	2.96×10^{-8}	3.2	1.9	1.71	2.08	610
MW-23	79.0-79.5	sand gray vf-cgr sl silty mica	1.17×10^{-4}	26.3	15.2	1.75	2.05	470
MW-23	83.0-83.5	sand gray vf-fgr sl silty mica	2.85×10^{-5}	26.2	15.8	1.65	2.03	1,300
MW-23	88.0-88.5	clay tan silty	7.22×10^{-9}	3.4	2.3	1.40	1.88	1,100
MW-23	110.5-111.0	sand tan vf-cgr sl silty	4.2×10^{-6}	26.5	15.6	1.73	2.02	1,300
MW-24	66.5-67.0	--	7.57×10^{-5}	24.7	15.2	--	--	--
MMW-1	57.5-58.0	sand gray vf-gran sl silty	5.28×10^{-4}	18.4	10.5	1.81	1.98	2,500
MMW-2	91.5-92.0	sand gray vf-cgr sl silty	6.59×10^{-5}	27.0	16.1	1.75	2.08	480
MMW-4	73.5-74.0	sand tan vf-pbly sl silty	2.64×10^{-4}	29.2	17.6	1.68	1.95	930